We claim:

- 1. A hydrophilic article comprising:
- a thermoplastic polymer layer having a first surface and a second surface having an adhesive layer bonded to said second surface, said adhesive layer comprising a surfactant that migrates to said first surface of said polymeric layer.
 - 2. The hydrophilic article of claim 1 wherein said polymeric layer comprises films, porous membranes, microporous membranes, and fibrous polymer layers.

10

25

- 3. The hydrophilic article of claim 1 wherein said surfactant is selected from nonionic, anionic, and amphoteric surfactants or mixtures thereof.
- 4. The hydrophilic article of claim 3 wherein said surfactant is a fluorochemical nonionic surfactant.
 - 5. The hydrophilic article of claim 4 wherein said surfactant is of the formula $(R_f Q)_n Z$ wherein

Rf represents a partially- or fully- fluorinated aliphatic group,

- Q is an organic divalent or multivalent linking group or a covalent bond, Z is a hydrophilic poly(oxyalkylene) group and n is 1 to 6.
 - 6. The hydrophilic article of claim 5 wherein Z comprises a poly(oxyalkylene) of the formula $(OR')_x$ wherein R' is an alkylene group of 2 to 4 carbon atoms, and x is a number from 4 to 25.
 - 7. The hydrophilic article of claim 5 wherein said poly(oxyalkylene) group is terminated by a hydroxyl, an alkyl, alkaryl ether, or fluoroalkyl ether.
- 30 8. The hydrophilic article of claim 3 wherein said nonionic surfactant is of the formula:

 $R_h^{-1}-Y^1-W-Y^2-R_h^{-2}$, wherein:

W represents a polyoxyalkylene group;

 Y^1 and Y^2 independently represent an oxygen or sulfur atom or a group of the formula - CO-, -COO-, -NH-, -CONH-, or -N(R)-, where R is an alkyl group or an aryl group; R_h^1 represents an alkyl or an aryl group, or a combination thereof, and R_h^2 represents a hydrogen atom or is an alkyl or an aryl group, or a combination thereof.

5

- 9. The hydrophilic article of claim 8 wherein said nonionic surfactant wherein said poly(oxyalkylene) group contains from 4 to 25 oxyalkylene units.
- 10. The hydrophilic article of claim 1 wherein said surfactant is present in an amountsufficient to render said thermoplastic polymer layer hydrophilic.
 - 11. The hydrophilic article of claim 10 wherein said adhesive layer comprises at least 3 wt.% of said surfactant.
- 15 12. The hydrophilic article of claim 10 wherein said adhesive layer comprises 5 to 40 wt.% of said surfactant.
 - 13. The hydrophilic article of claim 1 wherein said polymeric layer is selected from polyesters, polyurethanes, polyamides and poly(alpha)olefins

20

- 14. The hydrophilic article of claim 1 wherein said polymeric layer is selected from homo-, co- and terpolymers of aliphatic mono- alpha olefins.
- 15. The hydrophilic article of claim 1 wherein said polymeric layer is selected from homo-, co- and terpolymers of ethylene and propylene.
 - 16. The hydrophilic article of claim 1, wherein said adhesive layer is a pressure sensitive adhesive layer.
- The hydrophilic article of claim 1 further comprising a release liner.

- 18. The hydrophilic article of claim 1, wherein said thermoplastic polymer layer is patterned.
- 19. The hydrophilic article of claim 1 printed on at least a portion of the hydrophilic surface with an image pattern of ink.
 - 20. The hydrophilic article of claim 19 wherein said ink is an aqueous ink.

5

15

25

- 21. The hydrophilic article of claim 1 wherein said thermoplastic polymer layer is initially hydrophobic
 - 22. A liquid transport article comprising the hydrophilic article of claim 1, wherein the thermoplastic polymer layer comprises a microstructure-bearing surface with a plurality of channels that facilitate the directional flow of a liquid disposed thereon.
 - 23. A method of preparing a hydrophilic article according to claim 1 comprising coating a thermoplastic polymer layer with an adhesive layer, said adhesive layer comprising a surfactant that migrates to said first surface of said polymeric layer.
- 24. The method of claim 23 wherein said thermoplastic polymer layer comprises a film, a membrane, or a fibrous polymer layer.
 - 25. The method of claim 23 wherein said surfactant is present in an amount sufficient to render said thermoplastic polymer layer hydrophilic.
 - 26. The method of claim 23 wherein said surfactant is selected from nonionic, anionic, and amphoteric surfactants.
- 27. The method of claim 26 wherein said surfactant is a fluorochemical nonionic30 surfactant.

- 28. The method of claim 23 wherein said surfactant is present in an amount sufficient to render said thermoplastic polymer layer hydrophilic.
- 29. The method of claim 28 wherein said adhesive layer comprises at least 3 wt.% of5 said surfactant.